

BEING PRESENT LOCALLY MAKES US MORE AWARE GLOBALLY

Benefit from the Market Leader



CUSTOMER ASSISTANCE POLICY
The business of The Lincoln Electric Company® is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

www.lincolnelectriccutting.eu



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**VERNON TOOL: CUT MORE PIPE
USING A SINGLE OPERATOR**



PERFORMANCE ENGINEERED PRODUCTS

SIMPLE MATERIAL SET-UP AND ACCURATE PIPE PROFILES

INDUSTRY LEADING PERFORMANCE

VERNON Tool™, of Lincoln Electric Cutting Systems, is a manufacturer and global supplier of industrial pipe cutting machines, pipe beveling equipment and metal tube cutting machinery. Founded in 1930, VERNON Tool™ has dedicated eight decades to discovering, evaluating and meeting the unique pipe fabrication needs of clients across the globe. American made, Vernon Tool™ machines lead the industry in volumes of production and are built to withstand decades of industrial pipe processing. Lincoln Electric provides complete cutting solutions to our customers as well as assistance and support. These unique systems improve quality, lower costs, and help customers enhance their working environments.

Simply convey raw metal pipes and tubes onto the machine bed to be cut and profiled by a single operator. Roller bed CNC pipe profilers have proven to be more efficient and safer for all involved. Pipes are fully supported in the cutting bed and can easily be positioned over finished piece trays to simplify the handling of your finished parts.

This operator can process a fully loaded rack of raw material into finished pieces without the use of an overhead crane and without additional personnel to assist with material handling. This method of operation leads to significant savings in labor and increased production. This machine is ideal for process and power piping, mechanical and HVAC contracting, shipbuilding, offshore, marine construction, and pressure vessel fabrication. We're the one source and the one partner you'll ever need to address it all.

CONTROLLING THE THROUGHPUT

OF ALL DOWNSTREAM OPERATIONS

INDUSTRIAL PIPE CUTTING

We offer a range of industrial pipe profiling machines with options that include oxy-fuel, multiple amperages of plasma cutters, and automated loading and discharge conveyor systems. Standard machine beds accommodate round pipes and tubes from 3-48" (75-1200mm) in diameter.

SPECIFIC CUT TYPES

VERNON Tool™ pipe cutting machines can produce the following specific cut types and more:

Straight, Saddle, Miter, Tee, Multi-saddle, Gusset slots, Double miter, Elbow support, Pipe to cone, Reinforcing pads


STANDARD SYSTEM INCLUDES

- MPM 4 or 5 axis 3-48 CNC profiler
- 3-48" (75-1200mm) CNC Pipe Cutting Machine Bed
- Optional 3-48" (75-1200mm) Entrance Conveyor w/ hydraulics selector gates
- Optional 3-48" (75-1200mm) Discharge Conveyor w/ hydraulics selector gates - Power Tilt
- 23" (58cm) LCD Operator Console
- Oxy-Fuel
- WinMPM Pipe Profiling Software
- Popular Preprogrammed Shape Library
- Technical Phone Support
- 1 year complete, single source warranty
- Consumable Program
- Updated and Modernized Controls

VERNON TOOL


MPM 3-48 PIPE PROFILER

1.




Load the pipe onto the storage racks next to the entrance conveyor.

2.



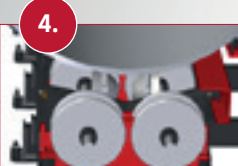
Raise the selector gates flush with the storage rack. Roll the pipe onto the conveyor.

3.




Hydraulically lower the work piece onto the powered, hourglass conveyor rolls.

4.




Transfer the work piece into the cutting area with the conveyor and hydraulically lower it onto the turning rolls.

5.




Load the desired program and produce the cuts with the profiling assembly.

6.



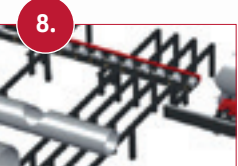
Optionally, make beveled end and beginning cuts with the two-torch straight cut-off assembly.

7.



After cutting, lift/convey the pipe from the turning rolls onto the discharge conveyor.

8.



Raise the selector gates and discharge the cut pipe to the racks. Position the remnant for repeat cuts or return it to the rack.

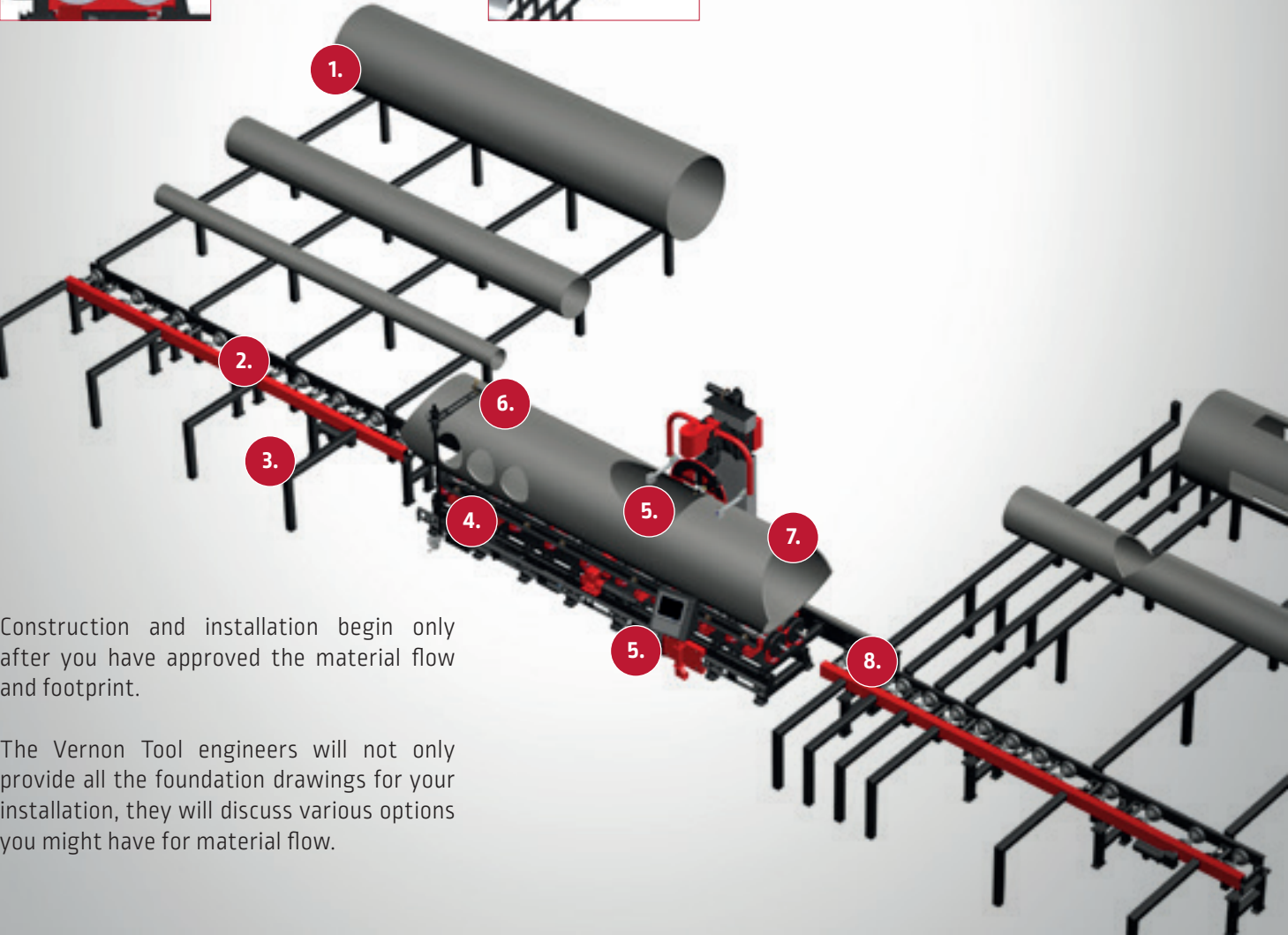


YOUR BENEFITS:

- Reduced costs
- Improved cut accuracy
- Decreased redundant data entry

RECENT INNOVATIONS:

- New Modern Controls
- Improved Space Saving Design
- Enhanced HMI Visual Display



Construction and installation begin only after you have approved the material flow and footprint.

The Vernon Tool engineers will not only provide all the foundation drawings for your installation, they will discuss various options you might have for material flow.